

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017242.D
 Acq On : 05 Feb 2024 20:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 06 01:05:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	112227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	194519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	170939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	50867	50.737	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.480%	
35) Dibromofluoromethane	7.722	113	53429	50.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.740%	
50) Toluene-d8	10.185	98	202964	53.077	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.160%	
62) 4-Bromofluorobenzene	12.489	95	63818	50.946	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	38567	45.332	ug/l	100
3) Chloromethane	2.119	50	76109	49.798	ug/l	98
4) Vinyl Chloride	2.253	62	87817	47.151	ug/l	98
5) Bromomethane	2.656	94	66089	51.191	ug/l	96
6) Chloroethane	2.796	64	58573	48.707	ug/l	99
7) Trichlorofluoromethane	3.131	101	91554	47.805	ug/l	97
8) Diethyl Ether	3.534	74	30694	50.951	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	57416	49.456	ug/l	100
10) Methyl Iodide	4.101	142	53662	43.967	ug/l	97
11) Tert butyl alcohol	4.972	59	18286	214.348	ug/l	97
12) 1,1-Dichloroethene	3.875	96	54439	50.044	ug/l	98
13) Acrolein	3.735	56	20192	242.726	ug/l	98
14) Allyl chloride	4.485	41	84403	51.322	ug/l	99
15) Acrylonitrile	5.174	53	67418	248.559	ug/l	99
16) Acetone	3.954	43	53860	182.782	ug/l	97
17) Carbon Disulfide	4.204	76	178086	51.284	ug/l	99
18) Methyl Acetate	4.485	43	37179	56.559	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	129651	49.487	ug/l	100
20) Methylene Chloride	4.729	84	65869	54.924	ug/l	96
21) trans-1,2-Dichloroethene	5.229	96	64956	52.488	ug/l	95
22) Diisopropyl ether	6.125	45	189539	52.482	ug/l	97
23) Vinyl Acetate	6.070	43	525791	240.276	ug/l	99
24) 1,1-Dichloroethane	6.027	63	116225	52.534	ug/l	99
25) 2-Butanone	6.996	43	85549	218.390	ug/l	96
26) 2,2-Dichloropropane	6.990	77	83867	45.574	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	72473	52.361	ug/l	98
28) Bromochloromethane	7.344	49	42749	50.464	ug/l	100
29) Tetrahydrofuran	7.356	42	55719	251.799	ug/l	98
30) Chloroform	7.515	83	114779	51.572	ug/l	100
31) Cyclohexane	7.795	56	98707	48.846	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	97286	50.819	ug/l	99
36) 1,1-Dichloropropene	7.923	75	90208	49.793	ug/l	100
37) Ethyl Acetate	7.082	43	38300	45.581	ug/l	99
38) Carbon Tetrachloride	7.905	117	85110	49.066	ug/l	98
39) Methylcyclohexane	9.191	83	105379	49.789	ug/l	98
40) Benzene	8.167	78	267778	51.759	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	18574	46.655	ug/l #	89
42) 1,2-Dichloroethane	8.240	62	65933	48.134	ug/l	100
43) Isopropyl Acetate	8.277	43	71502	48.070	ug/l	100
44) Trichloroethene	8.947	130	67655	51.516	ug/l	95
45) 1,2-Dichloropropane	9.222	63	65133	51.255	ug/l	99
46) Dibromomethane	9.313	93	33830	49.283	ug/l	100
47) Bromodichloromethane	9.502	83	86644	50.436	ug/l	99
48) Methyl methacrylate	9.301	41	34588	49.575	ug/l	99
49) 1,4-Dioxane	9.307	88	7163	958.702	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	197785	248.055	ug/l	99
52) Toluene	10.252	92	162047	51.891	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	78563	48.687	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	95087	49.197	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	46765	50.073	ug/l	98
56) Ethyl methacrylate	10.514	69	58719	46.926	ug/l	98
57) 1,3-Dichloropropane	10.795	76	80215	49.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	146000	250.931	ug/l	99
59) 2-Hexanone	10.837	43	133932	232.294	ug/l	100
60) Dibromochloromethane	10.990	129	54462	49.707	ug/l	99
61) 1,2-Dibromoethane	11.093	107	42215	48.601	ug/l	100
64) Tetrachloroethene	10.728	164	59593	53.680	ug/l	98
65) Chlorobenzene	11.526	112	164252	49.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	59872	49.961	ug/l	99
67) Ethyl Benzene	11.599	91	307725	51.635	ug/l	99
68) m/p-Xylenes	11.709	106	232487	102.795	ug/l	100
69) o-Xylene	12.038	106	107122	51.433	ug/l	99
70) Styrene	12.050	104	181169	52.794	ug/l	99
71) Bromoform	12.215	173	30802	49.080	ug/l #	98
73) Isopropylbenzene	12.337	105	287849	50.687	ug/l	100
74) N-amyl acetate	12.154	43	62505	48.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	53249	47.673	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	32319m	45.297	ug/l	
77) Bromobenzene	12.617	156	61868	49.115	ug/l	97
78) n-propylbenzene	12.678	91	352994	50.610	ug/l	99
79) 2-Chlorotoluene	12.764	91	191445	49.927	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	230668	51.072	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	15361	44.735	ug/l	97
82) 4-Chlorotoluene	12.861	91	192684	48.824	ug/l	98
83) tert-Butylbenzene	13.081	119	196217	50.682	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	226934	50.904	ug/l	98
85) sec-Butylbenzene	13.264	105	305593	50.503	ug/l	99
86) p-Isopropyltoluene	13.373	119	243526	50.364	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	124838	49.678	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	120280	49.267	ug/l	99
89) n-Butylbenzene	13.703	91	230621	50.164	ug/l	100
90) Hexachloroethane	13.971	117	49758	50.126	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	107431	50.219	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6808	46.793	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	56181	52.871	ug/l	98
94) Hexachlorobutadiene	15.117	225	31130	49.742	ug/l	99
95) Naphthalene	15.245	128	107098	49.920	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	48073	53.194	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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